

Repairer Preventive Maintenance Checks and Services

6525-01-099-2320

X-Ray Apparatus Field Dental, Model D3152

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	S	X-Ray Apparatus Field Dental a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand. b. Assemble unit according to manufacturer's literature paying particular attention to the power voltage connection. c. Inspect unit for any damaged and cleanliness. Inspect for tightness, rust, cracks, wear, and fraying electrical cords. d. Check for mechanical damage, possibly affecting radiation safety. e. Verify electrical safety. f. Check for tube head drift in all working positions.	Missing components or accessories prevent the operation of the dental unit. The unit cannot be assembled. The damage prevents the operation of the unit. The damage prevents the operation of the unit or "leaks" unsafe levels of radiation. The x-ray apparatus fails any of the electrical safety tests. The tube drift cannot be corrected by leveling the unit.
2	S	Operational Check Out a. Perform "Line Adequacy Test" in accordance with manufacturer's literature. b. Perform maintenance check procedures in accordance with manufacturer's literature. (1) Verify power supply adequacy in accordance with the manufacturer's literature. (2) Verify mA value in accordance with the manufacturer's literature. (3) Check exposure time in accordance with manufacturer's literature. (4) Make mechanical adjustments (if required) as directed in the manufacturer's literature. (5) Adjust brake as directed in the manufacturer's literature.	The unit fails to perform. The unit fails to perform. The power supply is inadequate. The mA value is not within specifications. The exposure time is inaccurate. The brake cannot be adjusted

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3	A	<p>c. Up-date the Medical Equipment Verification/Certification sticker (DD Form 2163).</p> <p>Repacking</p> <p>Disconnect unit from power and repack according to manufacturer's literature.</p>	<p>The unit has not been verified within the last 12 months.</p> <p>The unit cannot be repacked.</p>
4	B, A	<p>Case</p> <p>a. Inspect the case for signs of excessive wear.</p> <p>b. Inspect gasket for damage or deterioration.</p>	